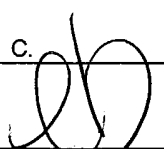


<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/776,120	ARNDT, DOUGLAS C.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Kirsten C Jolley	1762	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |                                                                                                                                |                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                                    | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                           | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                     | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|                                                                                                                                | 9. <input type="checkbox"/> Other _____.                                               |

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Harold Jackson on September 7, 2004.

The application has been amended as follows:

On page 2 of the specification, line 6, "sale" has been changed to --salt--.

In claim 4, line 1, the phrase "is selected from one or more of" has been changed to --is one or more metals selected from--.

In claim 7, line 2, "8-hydroxquinoline" has been changed to --8-hydroxyquinoline--.

In claim 9, line 1, the phrase "is selected from one or more of" has been changed to --is one or more metals selected from--.

In claim 10, line 7, "it's" has been changed to --its--.

In claim 10, line 7, a semi-colon has been added at the end of the line.

In claim 11, line 1, "8-quinolinol" has been changed to --8-hydroxyquinoline or derivative--.

In claim 12, line 1, the phrase "is selected from one or more of" has been changed to --is one or more metals selected from--.

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2. The following is an examiner's statement of reasons for allowance:

The prior art does not teach or fairly suggest a method of developing latent fingerprints comprising: providing a solution comprising complexed 8-quinolinol or 8-hydroxyquinoline or a derivative thereof; applying the solution to a porous substrate having the latent fingerprint thereon, whereby the soluble complex is adsorbed onto and precipitates on the oily surface of the latent fingerprint; and removing the unadsorbed solution from the substrate such that the precipitate highlights the latent fingerprint image.

The prior art of Gaines et al. (US 3,960,632) and Smith, III et al. (US 4,262,623) disclose applying (by spraying and vapor, respectively) 8-hydroxyquinoline solution on a latent fingerprint made using a metallic salt color former solution. However, the references do not disclose using a complexed solution, which is defined on page 2 of the specification as the reaction product of the 8-quinolinol or 8-hydroxyquinoline or derivatives and another reagent, such as a transition metal salt. In addition, the references do not fairly teach or suggest that a complex is adsorbed onto and precipitates on the oily surface of the latent fingerprint and then removing unadsorbed solution from the substrate to allow the precipitate to highlight the latent image.

It is noted that, in the prior art of Arndt (US 6,488,750), both an 8-quinolinol derivative developer and color former reagent are in solution together. However Arndt specifically states in col. 3, lines 16-26, that a chelating agent in the solution serves as a blocking agent such that the developer and color former only react when applied to a person's finger and are subsequently deposited onto paper, therefore a complex in solution is not formed in Arndt. Arndt also does not teach or fairly suggest the claimed

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steps of applying a complexed solution to a latent fingerprint and removing unadsorbed solution discussed above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kirsten C Jolley whose telephone number is 571-272-1421. The examiner can normally be reached on Monday to Thursday and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Shrive P Beck can be reached on 571-272-1415. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Kirsten C Jolley  
Patent Examiner  
Art Unit 1762

kcj